Solution to redmine 6203

**sSvs6 - Test configuration does not consider available bandwidth**

Configuration requires: "DUT to subscribe the maximum number of SV streams, with  
- 1) the maximum preferred variant of all preferred variants  
- 2) and the remainder the lowest rate backwards compatible configuration.

-> the remainder configuration using the lowest rate backwards compatible - force to use I4U4 DataSets. The remaining bandwidth of 100MBit/s might not be sufficient to apply 2). 2 shall be flexible in defining the "remainder" - allowing also I1U0 or U0I1 with lowest rate in order to make the configuration fit in 100MBit/s (and maybe even 60% of 100MBit/s to have a reliable network).

Proposal: change 2) to "and the remainder the lowest rate with backwards compatible configuration or other configurations to fit in the remaining available bandwidth.

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| **sSvs6** | **Verify the DUT subscribes to the specified maximum (SCL ClientServices.maxSMV) number of SV streams for this variant** | **Passed**  **Failed**  **Inconclusive** |
| IEC 61869-9  PIXIT Svs1a, Svs1b  SCL ClientServices.maxSMV | | |
| Expected result  1. DUT subscribes the sampled values of each real SV stream | | |
| Test description  Configure the DUT to subscribe to the maximum number of SV streams, with:   * the maximum preferred variant of all preferred variants and * the remainder the lowest rate backwards compatible configuration or other configurations to fit in the remaining available bandwidth.  1. SIMULATOR publishes maximum number of real SV streams plus the maximum number of simulated streams | | |
| Comment  Tested with configuration: X, Y, Z etc. | | |